



Issue 31 October 18th, 2014

Top links

Earthquake consortium lists New Madrid Fault as concern for central U.S.

CUSEC recognized that a major earthquake situation could cut off conventional means of communication, and has emphasized the need for effective alternative communication technologies

[ARRL](#)

10 watt VHF/UHF handheld

The Topsung TS-689 is claimed to cover 136-174 MHz, 350-400 MHz and 400-470 MHz. The output power is said to be selectable at 1, 5 or 10 watts with CTCSS, DTMF and 1750 Hz tone burst.

[Southgate](#)

All FunCube (AO-73) orbit data available for download

Starting October 14, we will be making all captured WOD available as weekly CSV files.

[AMSAT UK](#)

[PDF] Comparison of transmit performance of modern transceivers

Analyzing and documenting the receive performance of modern transceivers has resulted in a top tier of rigs offering greatly improved receiver performance. Meanwhile, transmitters have largely been ignored.

[K9YC](#)

Planting new radials

I find this time of the year, as well as early spring, the best time to plant any new radials that I like to continuously add to my vertical antenna systems.

[VE7SL](#)

Fldigi v3.22.00 released

The new 8PSK modes are very interesting. For example, 8PSK250 allows 620wpm throughput while running 250 baud, thereby keeping in line with the FCC 300 baud restriction. For those in countries without baud rate restrictions, the 8PSK1000 modem supports a throughput of 3300wpm in a bandwidth of only 1000Hz.

[Mac Ham Radio](#)

4m Lunar Amateur payload to launch October 23rd

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likely to drift during the mission, and manual offset introduction will be required after a week or so.

[AMSAT UK](#)

Boosting HT power

In many scenarios where the distance to a repeater is great or where the terrain rises and falls significantly and blocks signals, the HT power may be insufficient for reliable radio operations. In such cases increasing the low-power output of the HT is desirable.

[Ham Radio School](#)

Video

Living in a National Radio Quiet Zone

The U.S. town with no cell phones or Wi-Fi.

[SWLing Post](#)

HF multiband vertical compared with a 3 band end-fed

Comparison between a HF multiband vertical with auto tuner at 9m and a 3 band end-fed (40,20,10m) on with matchbox on 2m.

[PE4BAS](#)

Explanation of I and Q in the world of SDR

I was after a really good explanation of what the I & Q were when talking about SDR. These videos are better than anything I could come up with.

[G7KSE](#)

How to

Making a Slim Jim 2m antenna

The Slim Jim is probably one of the cheapest and easiest antennas to make, and it's a very handy one, too. Most people make these for 2m use, but you can make them for 70cm use if required.

[Essex Ham](#)

And finally...

AM DX pileup

On 12 October I witnessed something I had not heard since 1966: A huge DX pileup on AM.

[QRZ](#)

[Amateur Radio Weekly](#) is curated by KK4HSX. Thank you for reading! 73!

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